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44,815 Reg. No.

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Applicant

Gopi Venkatesh

Appln. No. :

10/619,924 July 15, 2003

Title

CONTROLLED RELEASE POTASSIUM CHLORIDE TABLETS

Docket No.

451194-095

Art Unit

1615

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56, the Examiner's attention is directed to the references listed on the attached Information Disclosure Citation. Copies of all foreign patent documents and non-patent literature references are provided herewith. A copy of U.S. Application No. 09/465,085 is also provided.

It is to be understood that the present submission of art is in no way intended to be a waiver of any arguments or defenses available to the applicant under the rules of the U.S. Patent and Trademark Office and the statutes of the United States.

No fee is required. The Commissioner is authorized to charge any additional fees required by this paper or to credit any overpayment to Deposit Account No. 20-0809.

Respectfully submitted:

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Page 1 of 7 Pages

JAN 1 6 2004 86

Docket: 451194-095 Appln. No.: 10/619,924

Applicant: Gopi Venkatesh

Filed: July 15, 2003 Group: 1615

	RADE	0.5.17111	DOCOMENTS		ΤΤ	
Examiner	Document No.	Date	Name	Class	Sub	
	5,840,329	11/1998	Bai			ı
	5,814,332	09/1998	Ghanta et al.			
	5,709,886	01/1998	Bettman et al.			
	5,653,993	08/1997	Ghanta et al.			
	5,651,984	07/1997	Powell			
	5,639,475	06/1997	Bettman et al.			
	5,622,723	04/1997	Bettman et al.			
	5,578,316	11/1996	Bhardwaj et al.			
	5,464,632	11/1995	Cousin et al.			
	5,422,122	06/1995	Powell			
	5,409,711	04/1995	Mapelli et al.			
	5,397,574	03/1995	Chen			
	5,252,337	10/1993	Powell			
	5,238,688	08/1993	Beuving et al.			
	5,229,134	07/1993	Mention et al.			
	5,223,264	06/1993	Wehling et al.			
	5,219,574	06/1993	Wehling et al.			
	5,215,756	06/1993	Gole et al.			
	5,192,552	03/1993	Fekete et al.			
	5,180,587	01/1993	Moore			
Examiner:		Date Cons	idered:	<u> </u>	<u></u>	

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Page 2 of 7 Pages



Docket: 451194-095 Appln. No.: 10/619,924

Applicant: Gopi Venkatesh

Filed: July 15, 2003 Group: 1615

Examiner	Document No.	Date	Name	Class	Sub	
	5,178,878	01/1993	Wehling et al.			
	5,156,850	10/1992	Wong et al.			
	5,137,730	08/1992	Dennis et al.			
	5,133,974	07/1992	Paradissis et al.			-
	5,126,145	06/1992	Evenstad et al.			
	5,085,868	02/1992	Mattsson et al.			
	5,084,278	01/1992	Mehta			7 1 2 1
	5,082,669	01/1992	Shirai et al.			
	5,008,117	04/1991	Calanchi et al.			
	5,075,114	12/1991	Roche			
	5,073,377	12/1991	Alexander et al.			
	5,073,374	12/1991	McCarty			
	5,032,406	07/1991	Dansereau et al.			
	4,994,260	02/1991	Kallstrand et al.			
	4,971,791	11/1990	Tsan et al.			<u> </u>
	4,952,402	08/1990	Sparks et al.		7=1	
	4,915,953	04/1990	Jordan et al.			
	4,898,737	02/1990	Panoz et al.			-
	4,863,743	09/1989	Hsiao et al.			
	4,832,955	05/1989	Snipes et al.			
Examiner:		Date Cons	idered:		<u> : </u>	

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Page 3 of 7 Pages



 Docket:
 451194-095
 Appln. No.:
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 Filed:
 July 15, 2003
 Group:
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	MANE	U.S. PATE	ENT DOCUMENTS		· · · · · · · · · · · · · · · · · · ·	
Examiner	Document No.	Date	Name	Class	Sub	
	4,820,627	04/1989	McGeehan			
	4,800,087	01/1989	Mehta			
	4,748,023	05/1988	Tamas et al.			
	4,716,041	12/1987	Kjornaes et al.			
	4,713,248	12/1987	Kjornaes et al.			
	4,634,587	01/1987	Hsiao			
	4,587,118	05/1986	Hsiao			
	4,574,080	03/1986	Roswall et al.			
	4,572,833	02/1986	Pedersen et al.			
	4,555,399	11/1985	Hsiao			
	4,542,042	09/1985	Samejima et al.			i
	4,524,060	06/1985	Mughal et al.			
	4,508,702	04/1985	Hsiao			
	4,462,982	07/1984	Samejima et al.			
	4,460,563	07/1984	Calanchi			
	4,432,966	02/1984	Zeitun et al.			
	4,389,331	06/1983	Samejima et al.			
	4,389,330	06/1983	Tice et al.			
	4,321,253	03/1982	Beatty			
	4,316,884	02/1982	Alam et al.			
Examiner:		Date Cons	idered:) (DED (

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Page 4 of 7 Pages



Docket: 451194-095	Appln. No.: 10/619,924
Applicant: Gopi Venkatesh	
Filed: July 15, 2003	Group: 1615

		<u> </u>	INT DOCUMENTS			
Examiner	Document No.	Date	Name	Class	Sub	
	4,302,440	11/1981	John et al.			
	4,259,315	03/1981	Lippmann et al.			
	4,193,985	03/1980	Bechgaard et al.			-
	4,182,778	01/1980	Hall et al.			
	4,150,110	04/1979	Yoshida et al.			
	4,140,756	02/1979	Gallian			
	4,138,475	02/1979	McAinish et al.			
	4,128,658	12/1978	Price et al.			
	4,010,038	03/1977	Iwasaki et al.			
	3,960,757	06/1976	Morishita et al.	·		
	3,957,523	05/1976	Ohno et al.			
	3,939,259	02/1976	Pescetti	****		
	3,909,444	09/1975	Anderson et al.			
	3,860,733	01/1975	Morse et al.			
	3,748,277	07/1973	Wagner			
	3,732,172	05/1973	Herbig et al.			
	3,694,372	09/1972	Anderson et al.			
	3,557,279	01/1971	Morse			
	3,531,418	09/1970	Fanger et al.			
	3,476,588	11/1969	Pitel			
Examiner:		Date Cons	idered:) (DED (I

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Page 5 of 7 Pages



Docket: 451194-095	Appln. No.: 10/619,924
Applicant: Gopi Venkatesh	
Filed: July 15, 2003	Group: 1615

Examiner	Document No.	Date	Name	Class	Sub	
	3,354,863	11/1967	Reynolds			
	3,341,416	09/1967	Anderson et al.			
	3,242,051	03/1966	Hlestand et al.			
	3,155,590	11/1964	Miller et al.			
	2,887,440	05/1959	Greminger, Jr. et al.			
	6,451,345	09/2002	Percel et al.			
	6,316,031	11/2001	Oshlack et al.			
	6,210,716	04/2001	Chen et al.			
	6,139,865	10/2000	Friend et al.			
	5,879,706	03/1999	Carter et al.			
	5,567,441	10/1996	Chen			
	5,505,962	04/1996	Sparks			
	5,002,774	03/1991	Agrawala et al.			
	4,666,703	05/1987	Kopf			
	4,629,620	12/1986	Lindahl et al.			
	4,553,973	11/1985	Edgren		7	11
	4,519,801	05/1985	Edgren			
	3,538,214	11/1970	Polli et al.			
	09/465,085	12/1999	Venktesh et al.			
Examiner:	<u> </u>	Date Cons	idered:		I	
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INFORMATION DISCLOSURE CITATIO

Page 6 of 7 Pages

Docket: 451194-095 Appln. No.: 10/619,924

Applicant: Gopi Venkatesh

Filed: July 15, 2003 Group: 1615

	FO	REIGN PATI	ENT DOCUMENT		1	Tra	ans
Examiner	Document No.	Date	Country	Class	Sub	Y	N
	92/19209	11/1992	Patent Cooperation Treaty			X	
	98/14179	04/1998	Patent Cooperation Treaty			X	
	0076515	04/1983	Europe			X	
	0317274	05/1989	Europe			X	
	0411952	02/1991	Europe			X	
	2,068,402	12/1992	Canada			X	
	2,068,366	11/1992	Canada	-	-	X	
	1,016,839	01/1966	Great Britain			X	
	978,265	12/1964	Great Britain	,		X	
	1,371,840	10/1974	Great Britain			X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Deasy, P.B et al., "Effect of ethylcellulose grade and sealant treatments on the production and in vitro release of microencapsulated sodium salicylate," <i>J. Pharm. Pharmacol</i> , 32: 15-20 (1980)				
	Friend, D.R., "Polyacrylate resin microcapsules for taste masking of antibiotics," <i>J. Miroencapsulation</i> , Vol. 9, No. 4, pp. 469-480 (1992)				
	Ueda, M. "Recent Pharmaceutical Techniques and Future Scope for Taste Masking of Granules," The Annual Proceedings of Gifu Pharmaceutical University, Vol. 44, p. 18-31 (06/1995)				
	Kristl, A. et al., "Preparation and Evaluation of Ethylcellulose Microcapsules with Bacampicillin," Drug Development and Industrial Pharmacy, 17(8), pp. 1109-1130 (1991)				
	Chemtob, C. et al., "Microencapsulation by ethylcellulose phase separation: microcapsule characteristics," <i>International Journal of Pharmaceutics</i> , 29, pp. 1-7 (1986)				
	Sveinsson, S.J. et al., "The effect of tableting on the release characteristics of naproxen and ibuprofen microcapsules," <i>International Journal of Pharmaceutics</i> , 92, pp. 29-34 (1993)				
Examiner:	Date Considered:				

^{*} Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Page 7 of 7 Pages

Docket: 451194-095	Appln. No.:	10/619,924
Applicant: Gopi Venkatesh		
Filed: July 15, 2003	Group: 16	15

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	Versic, R.J., "Coacervation for Flavor Encapsulation," ACS Symposium Series 37 - Flavor
	Encapsulation, Chapter 14, pp. 126-131 (1987)
	Roy, G.M., "Taste Masking in Oral Pharmaceuticals," Pharmaceutical Technology (04/1994)
	Deasy, P.B., "Coacervation - Phase Separation Procedures Using Nonaqueous Vehicles," Microencapsulation and Related Drug Processes, pp. 97-117 (1984)
	Ozer, A.Y. et al., "Studies on the masking of unpleasant taste of beclamide: microencapsulation and tabletting," <i>J. Microencapsulation</i> , Vol. 7, pp. 327-339 (1990)
	Gupta, R.G. et al., "Micro-Encapsulation Studies of Chloroquine Phosphate for its Taste Abatement," <i>The Eastern Pharmacist</i> , pp. 133-137 (07/1983)
	Chukwu, A. et al., "Some properties of chloroquine phosphate and quinine hydrochloride microcapsules," S.T.P. Pharma. Sciences, Vol. 1(2), pp. 117-120 (1991)
	Ueda, M., "Recent Pharmaceutical Techniques and Outlook for Masking the Bitter Taste of Granules," Gifu Yakuka Daigaku Kiyo, 44, pp. 18-31 (1995)
	Samuelov, Y. et al., "Sustained Release of Drugs from Ethylcellulose-Polyethylene Glycol Films and Kinetics of Drug Release," <i>Journal of Pharmaceutical Sciences</i> , Vol. 68, No. 3, pp. 325-329 (3/1979)
	Donbrow, M. et al., "Enhancement of permeability of ethyl cellulose films for drug penetration," Journal of Phramacy and Pharmacology, Vol. 27, No. 9, pp. 633-646 (09/1975)
	Donbrow, M. et al., "Zero order drug delivery from double-layered porous films: release rate profiles from ethyl cellulose, hydroxypropyl cellulose and polyethylene glycol mixtures," <i>Journal of Pharmacy and Pharmacology</i> , Vol. 32, No. 7, pp. 463-470 (1980)
	Rowe, R.C., "The effect of the molecular weight of ethyl cellulose on the drug release properties of mixed films of ethyl cellulose and hydroxypropyl methylcellulose," <i>International Journal of Pharmaceutics</i> , Vol. 29, No. 1, pp. 37-41 (03/1986)
	Donbrow, M. et al., "Permeability of films of ethyl cellulose and PEG to caffeine," <i>Journal of Pharmacy and Pharmacology</i> , Vol. 26, pp. 148-150 (02/1974)
	Rowe, R.C., "Some Fundamental Properties of Polymeric Materials and Their Application in Film Coating Formulations – A Review," <i>Int. J. Pharm. Tech. & Prod. Mfr.</i> , 3(1), pp. 3-8 (1982)
Evanin	Date Considered:
Examiner:	Date Considered.

^{*} Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.